

Serial No. 08/585,207
Applicant: Jeremy J. Sanger

a stator mounted in the turbine chamber, the stator having an annular array of stator buckets opening in a common axial direction;

a rotor mounted in the turbine chamber, the rotor having an annular array of rotor buckets mounted on the shaft means for rotation therewith, the rotor buckets facing the stator buckets and being closely adjacent thereto, and conduit means for delivering a fluid into the rotor buckets and the stator buckets;

drive means for rotating the drive shaft means whereby the fluid passes back and forth between the rotor buckets and the stator buckets as the rotor buckets pass the stator buckets thereby heating the moving fluid;

an annular array of centrifugal pumping vanes mounted on the rotor outside the turbine chamber for pumping fluid into the housing and toward the stator buckets: [and]

conduit means for passing the heated fluid to a heating zone; and
[A heat generator as defined in claim 1,] in which the stator
buckets have openings for passing the fluid toward the rotor buckets, said openings
being disposed in a common plane that is transverse to said axis of rotation, and the
rotor buckets have openings for receiving fluid from the stator buckets, said rotor
bucket openings being disposed in a common plane that is closely adjacent the plane
of the stator bucket openings.

REMARKS

In response to the Office Action of February 12, 1997, claims 1, and 4-8 have